



CAPABILITIES & EXPERIENCE

Sampling of Webworld Clients



Nuclear Regulatory Commission



State Department



Naval Construction Force



Federal Aviation Administration



Voice of America



**National Aeronautics and
Space Administration**



Lockheed Martin



Datatel



Comdisco



Sussex County, DE



NY State Dept of Health



County of Arlington, VA



City of Ontario, CA



Goodwill Industries

Web Application Development Experience

Webworld has over ten years of experience handling all phases of the system development life cycle for complex web applications. This includes formal requirements gathering, design, prototyping, development, testing, deployment, integration, maintenance and training. This experience was garnered while servicing government, corporate and non-profit clients on a wide range of high-end web development projects including:

- Rapid Application Development of J2EE-compliant applications
- Migration of mission critical legacy systems to the web
- Integration of existing web applications with external databases
- Automation of federal government EA infrastructure reports
- Web enabling of critical management reports
- Custom web content management

Webworld has also performed reviews of design and coding processes and procedures to identify problems and make recommendations on improving those processes. Further, Webworld has been tasked with developing coding standards and establishing processes for managing code in the development, testing and production environments. Such work has helped to improve the development of all client applications.

These web development efforts – combined with our years of Enterprise Architecture experience – have given us a complete understanding of the full process necessary to complete successful software projects. Webworld understands the critical importance of planning application development projects so that they align with an organization's EA, and meet demanding end user requirements.

Recent Past Performance

U.S. Nuclear Regulatory Commission	U.S. State Department
U.S. Naval Construction Force	Lockheed Martin
Syntegent	County of Arlington, VA
The City of Ontario, CA	Citizens Commission on Human Rights
The Delphian School	Goodwill Industries International

Technologies Used

Programming Languages: C++, ColdFusion, Flex, Flash, Java, JavaScript, Visual Basic, XML, XPath, XSchema, SXL, XSLT, Web Services

Databases: Oracle, MS SQL Server, Sybase, MySQL

Platforms: Unix, Windows, Solaris

Website: www.webworldtechnologies.com

Points of Contact

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Enterprise Architecture Experience

Webworld has over three years of corporate experience in the Enterprise Architecture arena, and has assembled a team that can plan and execute all phases of a major EA effort ranging from EA tool selection to planning the communications strategy that is so critical to the success of an EA project.

For civilian government agencies we follow the principles of the Federal Enterprise Architecture Framework (FEAF) applying strong program/project management skills to all architecture segments. These include the Business, Data, Application and Technical Reference Models to ensure the captured EA data is what the client needs and wants.

At the U.S. Nuclear Regulatory Commission, for example, Webworld: (1) Assisted the agency in the selection of an EA tool – Telelogic's System Architect; (2) Built the EA repository based on analysis of NRC legacy documents and interviews with application owners; (3) Developed a communications strategy to build internal support for the EA, and actively participated in this plan. This included holding and participating in meetings with agency stakeholders to explain the value and importance of EA; (4) Developed a web-based reporting tool that enables non-technical business users to easily query the EA repository; and (5) Developed an application to extract EA repository data needed for annual OMB reports.

At the Food and Drug Administration, our certified Federal Enterprise Architect (1) Participated in the creation of the Business Reference Model (BRM), the Data Reference Model (DRM), and the Technical Reference Model (TRM); (2) Provided support in the definition of Oracle products for the TRM; (3) Conducted interviews and gathered information for inclusion in the METIS repository; and (4) Developed procedures for integrating new software development projects with Enterprise Architecture efforts.

Webworld has strong technical capabilities in the following areas: **(1) Business Architecture** – Telelogic's System Architect, Oracle Designer, RUP; **(2) Data Architecture** – Telelogic's System Architect, Meta Data Registries, Oracle Designer; **(3) Application Architecture** – Oracle Application Server, Oracle Portal, Web Development using ColdFusion and the Fusebox Framework; and **(4) Technical Reference Model** – Webworld personnel assisted with the development of these models for FDA and NRC.

Recent Past Performance

U.S. Nuclear Regulatory Commission

U.S. Food and Drug Administration

Technologies Used

EA Tools: System Architect, METIS

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